

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: IRiS

Report Number: P1269362

Luminaire Tested: P3AS09R209740DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1269362
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-10)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R209740DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 4000K CCT AND, 97CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

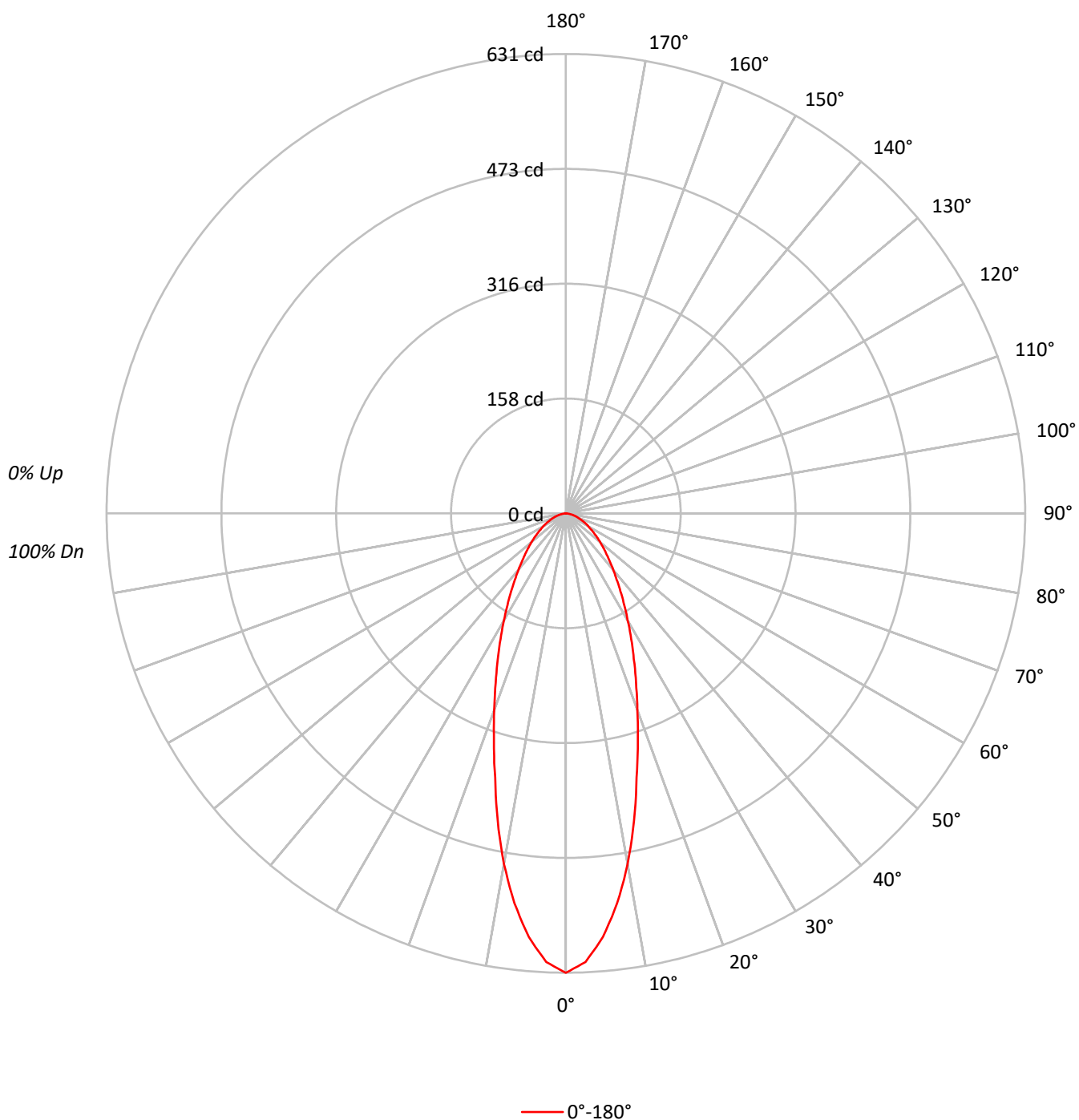
Lumens per Lamp: N/A
Luminaire Lumens: 488.0 lumens
Efficiency: N/A
Efficacy: 44.0 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.68
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

TEST NUMBER: P1269362

CATALOG NUMBER: P3AS09R209740DE010 E3PHLD1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1269362

CATALOG NUMBER: P3AS09R209740DE010 E3PHLD1MW

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	112	108	105	102	109	106	103	101	102	100	97		98	96	95		95
2	104	98	93	89	102	96	92	88	93	89	86		90	87	84		87
3	98	90	83	78	95	88	82	78	85	81	77		83	79	75		80
4	92	82	75	70	90	81	75	70	79	73	69		77	72	68		75
5	86	76	69	64	84	75	68	63	73	67	63		71	66	62		70
6	81	70	63	58	79	70	63	58	68	62	58		66	61	57		65
7	76	66	59	54	75	65	58	53	64	58	53		62	57	53		61
8	72	61	54	50	71	61	54	50	60	54	49		58	53	49		57
9	69	58	51	46	67	57	51	46	56	50	46		55	50	46		54
10	65	54	48	43	64	54	48	43	53	47	43		52	47	43		51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	138388
5°	128571
10°	108882
15°	85222
20°	67066
25°	53447
30°	42994
35°	35041
40°	28997
45°	24437
50°	20946
55°	18007
60°	15700
65°	13802
70°	11797
75°	10421
80°	7703
85°	5032

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 24437 cd/sqm

TEST NUMBER: P1269362

CATALOG NUMBER: P3AS09R209740DE010 E3PHLD1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	52.7	10.8
10°-20°	105.1	21.5
20°-30°	102.0	20.9
30°-40°	82.4	16.9
40°-50°	61.3	12.6
50°-60°	42.6	8.7
60°-70°	26.7	5.5
70°-80°	12.9	2.6
80°-90°	2.2	0.5
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	259.9	53.3
0°-40°	342.3	70.1
0°-60°	446.2	91.4
0°-90°	488.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	488.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	631	
5°	584	53
15°	375	105
25°	221	102
35°	131	82
45°	79	61
55°	47	43
65°	27	27
75°	12	13
85°	2	2
90°	0	



TEST NUMBER: P1269362

CATALOG NUMBER: P3AS09R209740DE010 E3PHLD1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	631.1
2.5°	616.8
5°	584.1
7.5°	540.1
10°	489.0
12.5°	432.7
15°	375.4
17.5°	328.4
20°	287.4
22.5°	251.6
25°	220.9
27.5°	194.4
30°	169.8
32.5°	149.3
35°	130.9
37.5°	114.6
40°	101.3
42.5°	89.0
45°	78.8
47.5°	69.6
50°	61.4
52.5°	54.2
55°	47.1
57.5°	40.9
60°	35.8
62.5°	31.7
65°	26.6
67.5°	22.5
70°	18.4
72.5°	15.3
75°	12.3
77.5°	9.2
80°	6.1
82.5°	3.1
85°	2.0
87.5°	0.0
90°	0.0

(END OF REPORT)